

Fascination® 2

Ceramic Brackets

A fascinating fusion of aesthetics,
function and handling

Fascinating Aesthetics



Extremely pure polycrystalline alumina oxide

Optimal translucency, almost invisible

Aesthetic and cosmetic perfection has been achieved through the use of extremely pure alumina oxide. The natural color of the tooth penetrates through the bracket, therefore making it almost invisible.

Patented production process

Tooth identical aesthetics without unnatural reflections

The special patented process technique guarantees the aesthetic appearance of the natural teeth. No interfering light reflections when the bracket comes in contact with saliva.

US 4,968,459 EP 0337309
US 5,242,298

Fascination[®] 2



High material density

High strength, without bothersome metal slot

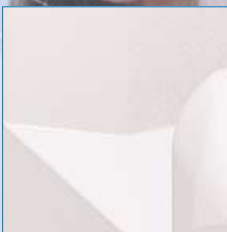
Due to the dense polycrystalline structure strength and function is achieved comparable to metal brackets. Aesthetically bothersome metal slots, in order to achieve lower friction values, are not necessary with Fascination[®] 2.

Extraordinary sintering process

Excellent color stability, no discoloration

The special production process produces an extremely high surface finish. Therefore, the often observed discoloration through food products, such as tea, curry, ketchup, etc., has been eliminated.

Fascinating function



Microfine material structure

Excellent strength

The outstanding microfine material structure of Fascination® 2 ceramic brackets allow for strength equal to metal brackets.

Patented process technique

Allows high therapeutic forces, even in the tie wing region

The mechanical and physical properties of Fascination® 2 ceramic brackets allow for maximum therapeutic forces in the tie wing region, which is the result of a new, patented process technique.

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Fascination® 2



Unique one piece construction

A predetermined fracture line is not required

The one piece construction of Fascination® 2 ceramic brackets is another reason for the high strength. This prevents breakage of the bracket when debonding is done correctly. Therefore, Fascination® 2 ceramic brackets do not need a predetermined fracture line. There is no need for a metal slot.

Low In/Out

Therapeutic optimal transfer of force

The one piece construction enables a very low In/Out. That means an optimal transfer of force of the desired therapeutic forces.

Sintered process produced

Rounded contours

Fascination® 2 ceramic brackets are produced in a two step sintered process. This means they do not require additional mechanical processing for grinding the slot. Resulting in perfectly rounded contours that guarantee high patient comfort.

Fascinating function



Super smooth surfaces

Perfect sliding mechanics

The extremely smooth slot surface ensures perfect sliding mechanics. There is no need for a metal slot and additional coating.

Computer aided bracket design

Minimal sizes with maximum strength

With the aid of CAD/CAM technology it was possible to produce a minimal bracket base. The small size increases strength and facilitates debonding.

Perfectly rounded contours of tie wings

Eliminates premature tearing of dental elastics

The special tie wing design makes it easier to ligate, even with double or multiple ligatures. The rounded contours eliminate untimely tearing of the dental elastics.

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Perfect surfaces

Very hygienic and comfortable

The smooth surfaces ease the patient's hygienic care, and at the same time ensures patient comfort.

Extremely pure polycrystalline alumina oxide

Excellent biocompatibility

The utilization of extremely pure Al_2O_3 (>99.99%) makes Fascination® 2 ceramic brackets absolutely allergy-free. Fascination® 2 ceramic brackets do not contain nickel or chromium, or any other type of metal, nor do they have solder in the slot.

High strength

Easy debonding

Due to their high strength and small surface, the brackets are easy to debond with a shearing motion and without additional instruments. Therefore, Fascination® 2 ceramic brackets do not need a predetermined fracture line.

Innovative "button structured base"

Optimal bonding strength, easy debonding

The unique button structure on the base enables constant surface strength of the adhesive. This guarantees optimal adhesion and easier debonding at the end of treatment.

Special silane coated base

Ideal setting for the adhesive strength

The special silane coating offers optimal adhesion during the treatment period, yet allows for easy debonding.



Fascinating handling



Tray in tooth chart design

Easy identification

The brackets are packaged according to the tooth chart. Therefore, the brackets are easy to identify.

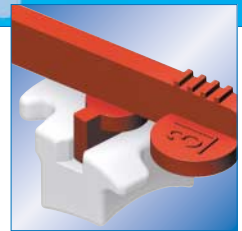
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Colored positioning guides

Easy removal, positioning and alignment

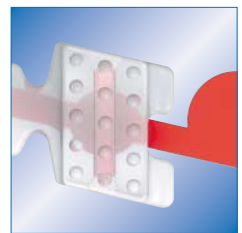
The positioning guide makes it easier to handle Fascination® 2 ceramic brackets. Not only due to the integrated grip, but also the accentuation of the slot and tooth axis. This helps to exactly position and align the brackets.



Strong, sealed packaging

Maximum protection for brackets

Fascination® 2 ceramic brackets are securely and hygienically sealed.



Fascinatingly Aesthetic



Arch Wires and Ligatures as invisible as our Fascination® 2 Brackets:

Noninium® White · rematitan® "LITE" White · Tensic® White
Ligatures White · Kobayashi White

Frontal coating only

(with square crosscut)

Excellent sliding mechanics remain the same

The frontal coating enables maximum sliding mechanics, and at the same time guarantees the optimal solution for excellent aesthetics.

New polymer coating

Very good sliding mechanics even with full coating Better color stability

The new, FDA approved organic polymer confirms, through in vivo and in vitro testing, the excellent mechanical-physical and biological qualities. Excellent sliding mechanics, high durability and perfect biocompatibility.

Fascination® 2

CE 0483

Single packs · cuspid brackets with button hooks

Roth 18

Roth 22

Teeth	Torque	Angulation	Width	Quantity	Order No.	Order No.
11	+ 11°	+ 5°	3.9 mm	10 pieces	700-015-01	700-035-01
21	+ 11°	+ 5°	3.9 mm	10 pieces	700-016-01	700-036-01
12	+ 7°	+ 8°	3.4 mm	10 pieces	700-017-01	700-037-01
22	+ 7°	+ 8°	3.4 mm	10 pieces	700-018-01	700-038-01
13	- 2°	+ 13°	3.9 mm	10 pieces	700-021-01	700-041-01
23	- 2°	+ 13°	3.9 mm	10 pieces	700-022-01	700-042-01
14	- 7°	0°	3.9 mm	10 pieces	700-023-11	700-043-11
24	- 7°	0°	3.9 mm	10 pieces	700-023-21	700-043-21
15	- 7°	0°	3.9 mm	10 pieces	700-023-31	700-043-31
25	- 7°	0°	3.9 mm	10 pieces	700-023-41	700-043-41

Teeth	Torque	Angulation	Width	Quantity	Order No.	Order No.
41	0°	0°	3.4 mm	10 pieces	700-002-11	700-005-11
31	0°	0°	3.4 mm	10 pieces	700-002-21	700-005-21
42	0°	0°	3.4 mm	10 pieces	700-002-31	700-005-31
32	0°	0°	3.4 mm	10 pieces	700-002-41	700-005-41
43	- 11°	+ 5°	3.9 mm	10 pieces	700-027-01	700-047-01
33	- 11°	+ 5°	3.9 mm	10 pieces	700-028-01	700-048-01
44	- 17°	0°	3.9 mm	10 pieces	700-029-11	700-049-11
34	- 17°	0°	3.9 mm	10 pieces	700-029-21	700-049-21
45	- 22°	0°	3.9 mm	10 pieces	700-030-11	700-050-11
35	- 22°	0°	3.9 mm	10 pieces	700-030-21	700-050-21

Assortments · cuspid brackets with button hooks

Roth 18

Roth 22

Tooth	Quantity	Order No.	Order No.
13 - 11 / 21 - 23	1 Bracket each = 6 pieces	700-055-01	700-059-01
13 - 11 / 21 - 23 / 43 - 41 / 31 - 33	1 Bracket each = 12 pieces	700-056-01	700-060-01
15 - 11 / 21 - 25	1 Bracket each = 10 pieces	700-057-01	700-061-01
15 - 11 / 21 - 25 / 45 - 41 / 31 - 35	1 Bracket each = 20 pieces	700-058-01	700-062-01

Arch Wires and Ligatures - White Line

CE 0483

Noninium® White - preformed white arch wires

Size	Maxillary	Mandibular	Quantity
0.40mm/16	768-002-00	768-003-00	3 pieces
0.45mm/18	768-004-00	768-005-00	3 pieces
0.41x0.41 mm/16x16	768-006-00	768-007-00	3 pieces
0.41x0.56mm/16x22	768-008-00	768-009-00	3 pieces
0.43x0.64mm/17x25	768-010-00	768-011-00	3 pieces

Tensic® White - preformed white arch wires

Size	Maxillary	Mandibular	Quantity
0.40mm/16	768-026-00	768-027-00	3 pieces
0.45 mm/18	768-028-00	768-029-00	3 pieces
0.41x0.41 mm/16x16	768-030-00	768-031-00	3 pieces
0.41x0.56mm/16x22	768-032-00	768-033-00	3 pieces
0.43x0.64mm/17x25	768-034-00	768-035-00	3 pieces

rematitan® "LITE" White - preformed white arch wires

Size	Maxillary	Mandibular	Quantity
0.40mm/16	768-014-00	768-015-00	3 pieces
0.45mm/18	768-016-00	768-017-00	3 pieces
0.41x0.41 mm/16x16	768-018-00	768-019-00	3 pieces
0.41x0.56mm/16x22	768-020-00	768-021-00	3 pieces
0.43x0.64mm/17x25	768-022-00	768-023-00	3 pieces

Ligatures White - preformed, short

Size	Order No.	Quantity
0.30mm/12	768-036-00	100 pieces

Kobayashi White Ligatures - short

Size	Order No.	Quantity
0.40mm/16	768-037-00	20 pieces

For questions regarding the application of our products, please contact our orthodontics department.

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- we reserve the right to make changes -

